Zoom® CableModem™

External Cable Modem

with USB Connection

- Access the Internet at speeds up to 100 times faster than dial-up modems
- Provides an always-on Internet connection for instant access
- Eliminates Internet traffic on your phone line
- DOCSIS 1.0 tested and certified for operation with industry -standard cable networks
- Can be upgraded to DOCSIS 1.1 automatically by your cable service provider
- Easy-to-read status display
- Stylish, design with vertical and horizontal options
- Easy installation with USB support for Windows XP, Me, 2000 and 98
- Unique Zoom Cable Modem Monitor provides network troubleshooting software
- Includes ZoneAlarm™ personal firewall and AdSubtract™ ad blocker software
- Includes USB cable

The **Zoom CableModem Model 5031** has a USB interface to support a wide range of operating systems, and applications. The modem is easily installed using the software provided. In addition, Zoom's unique Cable Modem Monitor Software provides user-friendly troubleshooting if problems are encountered on the network.

The Model 5031 has been CableLabs® certified and is approved as fully compliant with the Data Over Cable System Interface Specification 1.0 (DOCSIS 1.0), ensuring interoperability and a high level of performance with industry-standard cable systems. It is software upgradeable to DOCSIS 1.1, with the necessary hardware, software and Digital Certificates built into the modem to support 1.1 enhancements. Data over cable service providers are supported further with remote and local diagnostic capability, remote firmware downloads and SNMP support. The cable modem supports up to fifteen PCs and a data rate of up to 42 Mbps downstream from the service provider and 10.2 Mbps upstream.

The package includes ZoneLabs' ZoneAlarm™ personal firewall software, AdSubtract™ ad blocker/cookie filter software, a user's manual and Ethernet cable.

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Technical Specifications

Features

- Easy installation USB connection
- Support for Windows 98, 2000, Me and XP operatinng systems
- CableLabs Certified
- 56 bit encryption provides privacy and security
- Highly integrated design for superior reliability
- Experienced technical support for both consumers and service providers
- SNMP and DOCSIS MIB support allowing remote software upgrades
- Includes encrypted security key for DOCSIS 1.1 field upgrades
- Advanced diagnostic software and firmware
- Backed by over twenty years of experience in computer communications

Cable Modem Operating Parameters

	Downstream	Upstream
Frequency	91 to 857 MHz	5 to 42 MHz
Data Rate	Up to 42 Mbps	Up to 10.2 Mbps
Modulation	64QAM / 256 QAM	QPSK / 16QAM
Error Correction	Reed-Solomon decoding (ITU J.38 Annex B)	Reed-Solomon encoding
Channel Bandwidth	6 MHz	200/400/800/1600/3200 KHz
Signal Level	-15 to +15 dBmV	+8 t0 +58 dBmV (QPSK) +8 to +55 dBmV (16QAM)

Operating and Environmental Parameters

Power Requirements	12V, 600mA nominal
Power Consumption	7W nominal
Operating Temperature	0˚ to 40˚ C
Dimensions	8.9”” (22.6 cm) Width x 1.6” (4.1 cm) Height x 6.5” (16.5 cm) Depth
Weight	1.8 lb (0.81 Kg)
Regulatory	FCC Part 15, Class B; UL, C-UL; EN 55022, Class B; EN 55024; EN 60950
System Requirements	• DOCSIS cable data service and coaxial cable connection • Computer with USB port
Supplied with	• 4’ USB Cable • Power Supply and Cord (110VAC / 60 Hz or 230VAC / 50 Hz) • User’s Manual • CD-ROM with software including ZoneLabs ZoneAlarm personal firewall, AdSubtract ad blocker / cookie filter, and Zoom Cable Modem Monitor installation and troubleshooting software tool

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Made in U.S.A.

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